

ITL 1902 Introduction to Cryptanalysis

Statistical considerations in determining cryptographic systems; includes unilateral frequency distribution, diagraphic frequency distribution, and discriminant indicators encryption systems.

ITL 1903 Target Materials Management

Indexing, maintaining, and issuing of target materials to fulfill unit intelligence and mission requirements. Use of reference documents and procedures to keep materials current.

ITL 2101 Intermediate Cryptanalysis

Cryptographic systems using both manual and computer-assisted methods. Applications of logic, reasoning, mathematical techniques, statistics, and basic language characteristics to identify and recover message text and encryption keys for various hand-generated systems.

ITL 2401 Voice Intelligence Collection

Aural recognition/comprehension of foreign language voice communications and recognition/communication procedures and weapon systems parameters unique to various nations.

ITL 2402 Airborne Intelligence Collection

Application of operational procedures relating to collection of communication and electronic intelligence. Encompasses ground preparation; aircraft system components to include interphone equipment, keyboard equipment and operation; briefing on emergency procedures; performance of pre-engagement, engagement, and post-engagement operations.

ITL 2503 Advanced Sensor Interpretation

History and current methods of reconnaissance and imagery interpretation equipment; includes application of recording and processing techniques and application of management procedures for collection and exploitation of intelligence data.

ITL 2504 Multisensory Analysis

Multispectral analysis of designated system capabilities to counter specific Department of Defense intelligence problems. Includes special operations, denial and deception, low-intensity conflict, and possible solutions.

ITL 2505 Theory and Fundamentals of Electromagnetic Spectrum Sensors

Electromagnetic spectrum and light table orientation and theory, operation, and parameters of electro-optical, infrared, radar, and multispectral systems.

ITL 2506 Exploitation Support Data

Imagery interpretation and analysis in support of Department of Defense designated intelligence problems using imagery titling and exploitation support data with mensuration techniques.

Law Enforcement

LAW 1801 Marksmanship Laboratory

Qualification training in use of revolvers, shotguns, automatic handguns, and rifles. Includes nomenclature, capabilities, and characteristics of specific weapons; operator care, cleaning, and maintenance procedures; application of marksmanship fundamentals; weapons safety practices; analysis of force policies; clearing procedures and function checks; and ammunition types and uses.

**LAW 1803 Fundamentals of Law Enforcement**

Legal and procedural aspects of police operations. Physical apprehension and restraint techniques; searches and seizures; procedures for lawful apprehensions; patrol operations, including enforcement of traffic laws, operation of speed detection equipment, resource protection, and emergency first aid; weapons safety; arming and use of force; confrontation management; antihijacking, accident scenes, and crisis intervention; and antiterrorism/airbase ground defense operations.

LAW 1804 Investigative Principles

Principles of police investigations. Includes advisement of rights, administering oaths, obtaining oral and written statements, preparation and conduct of interviews and interrogations, and preparation/processing of investigative incident/accident reports. Also covers crime scenes to include legal considerations and procedural aspects dealing with collection and handling of evidence.

LAW 1850 Patrol Dog Training Techniques

Training and conditioning techniques used to prepare both military working dog and handler to work effectively as a team. Includes operant conditioning; dog obedience; controlled aggressiveness; health checks and first aid for dogs; and maintenance/care of dog, kennel, and associated support equipment.

LAW 1851 Patrol Dog Operations

Specialized training techniques designed to prepare the military working dog team to perform a variety of police functions. Includes vehicle and foot patrols; tracking, detecting, and alerting; area searches; gunfire conditions; and concepts of utilization (airbase ground defense, security, and law enforcement duties). Preparation and maintenance of required records, reports, and forms.



LAW 1852 Police Survival Tactics

Personal defensive tactics with special emphasis on shooting situations. Includes a review of vulnerabilities of armed personnel and their relationship to mental states of awareness, control of weapons, and stress related responses before, during, and after shootings. Also includes practical exercises in weapon retention techniques, disarming suspects, and recognition and use of cover and concealment.



LAW 2803 Patrol Dog (Drug Detection)

Specialized training techniques that prepare military working dogs and handlers to perform drug detection operations. Includes conditioning techniques, drug identification/detection, and legal aspects of searches/seizures.

LAW 2804 Patrol Dog (Explosives Detection)

Specialized training techniques that prepare military working dogs and handlers to locate hidden explosive devices. Includes conditioning techniques, explosives identification and detection, and legal aspects of searches/seizures.

LAW 2805 Security Police Administration and Supervision

Police administration and supervision at line and staff level. Includes application of personnel and resource management fundamentals, determining manpower and resource requirements; personnel reliability requirements, minority groups, and community relations; supervision of physical security/law enforcement functions; application of military authority; and unit training programs.

LAW 2806 Advanced Law Enforcement Principles

Administration of police line operations. Includes analysis of legal and procedural aspects of interviews and interrogation; searches and seizures; response to disaster and other high-risk situations; and supervision of traffic management, crime prevention, resource protection, military working dog, and corrections/ detention programs. Introduction of police supervisors to criminal justice data-automation systems.

LAW 2811 Traffic Planning and Management

Analysis of police traffic functions and services, traffic patterns, and traffic movement in response to emergency situations. Includes theory of traffic control, traffic safety

procedures, analysis of traffic trends and accident causes, preparation of reports and records, traffic engineering and control techniques, research and development, and use of speed-measuring devices and breathalyzer units.

LAW 2815 Fundamentals of Special Investigations I

Analysis and application of special agent responsibilities. Includes ethical standards, prosecutorial jurisdiction, investigative thought process, apprehension policies, and preparation of the investigative plan. Also includes detachment and individual operations; surveillance; professional liaison; and use of spot reports, case briefings, and reports of investigation.

LAW 2816 Military Law

Analysis of history and evolution of military law and military justice system with special emphasis on US Constitution, Uniform Code of Military Justice, and Manual for Courts-Martial. Application of rules of evidence and legal aspects of apprehension, search, and seizure with regard to suspects constitutional rights and legal/procedural aspects of court testimony.

LAW 2817 Behavioral Science Study of Sources and Interviews

Analysis of techniques and psychological aspects of interviewing. Emphasis on interrogation process, which includes preparation for interviews and interrogations, administering oaths, use of interrogation techniques, appreciation of relationship between investigator's attitude and effective interviews, and post-interview/investigation requirements.

LAW 2818 Investigative Techniques

Application of methods and techniques used to conduct investigations. Includes practical exercises in observation and description; surveillance; collection and preservation of evidence; apprehension, search, and seizure; crime scene searches; and firearms training. Also covers photographic and scientific aids to investigation.

LAW 2820 Criminal Investigations

Analysis of special techniques and procedures used to investigate the following criminal activities: homicides, sex offenses, assaults, misconduct, larceny and theft of Government property, robbery, housebreaking, narcotics

violations, customs violations, arson, forgery, postal violations, counterfeiting, black-market activities, fraud, impersonation, and perjury.

LAW 2821 Counterintelligence Investigations

Analysis of historical development of intelligence services and threat, structure, and tactics of hostile intelligence services. Includes explanation of terms; policies; elements of proof special investigative techniques concerning sabotage; security violations; special inquiry cases; protection of dignitaries; and direction, collection, analysis, and dissemination phases of intelligence collection cycle.

LAW 2824 Principles of Traffic Accident Investigation

Analysis and application of advanced techniques used to gather facts and determine causes of traffic accidents. Includes review of traffic safety procedures; preparation of field sketches, diagrams, and traffic violation/accident investigation reports and forms; and techniques used to teach traffic accident investigation to other policemen.

LAW 2826 Emergency Service Team Operations

Physically intensive training in special weapons and tactics used to counter barricaded suspects, hostage situations, and terrorist operations. Employment of team concept in all tactical situations. Includes use of special observation devices, climbing and rappelling in stable and unstable modes, tactical building entry and searches, tactical weapons employment, use of chemical agents, temporary restraining devices, extraction techniques, hostage negotiations, and extensive use of physical conditioning techniques.

LAW 2829 Protective Service Operations

Advanced techniques required to protect personnel and resources through assessment of principal threat. Includes application of advanced procedures (route/site surveys, identification of potential hazards and safe haven), practical exercises in foot and motorized escorts, and employment of antiterrorism techniques.



LAW 2836 Military Working Dog Supervisors

Advanced training for military working dog supervisors designed to prepare them for positions as kennel masters. Includes management of military working dog sections; maintenance and care of dog, kennel, and associated equipment; and conditioning, proficiency training, and utilization of dog teams.

LAW 2837 Advanced Electronic Surveillance

Application of electronic surveillance techniques used to perform audio, video, and physical surveillance of selected targets. Includes development and use of technical surveillance plan; use of communication network, body pack, and fixed site (RF and video) installation techniques; analysis of source control techniques; use of acoustics and microphones; and practical exercises in surreptitious searches, site surveys, and vehicle tracking.

LAW 2838 Locks and Locking Devices

Assembly/disassembly procedures for common types of locks and locking devices as applied to advanced security vulnerability investigations.

LAW 2839 Economic Crime

Economic crime investigation. Includes contracting, contract law, criminal/civil law, remedies, kickbacks, bribery, environmental crime law/investigations, product substitution, base target areas, and other areas associated with local level fraud.

LAW 2840 Advanced Surveillance Operations

Advanced principles and techniques of surveillance operations. Includes theory, philosophy, methodology, legal authority, sensitive source handling, area casing, target studies, and overseas legal and operational considerations. Also includes joint operations, jurisdiction, and specialized equipment.

LAW 2841 Confidential Informant Operations

Introduction to confidential informant operations. Includes documentation, security of informant identification, behavioral concepts, recruitment and management, and methods for teaching confidential informant operations for field application.

Legal Service

LEG 2101 Court Reporting

Operational techniques of closed-microphone equipment to record, transcribe, and assemble records of court proceedings. Requires using court-reporting equipment to take dictation at a rate of 175 words per minute and transcribing at a rate of 40 words per minute using typewriter.

LEG 2103 Legal Administration

Law library; legal office automation; pretrial administration, and post-trial procedures, including relationship with attorneys and clients.

LEG 2104 Claims Investigation

Fundamentals of Military Claims Act and Federal Tort Claims Act, techniques of investigating incidents and accidents, and legal procedures for claims. Includes special research assignments relevant to transportation, recovery, hospital damage, Government property, and admiralty claims.

LEG 2105 Military Justice

Pretrial procedures, evaluation of evidence, confessions and searches, appellate review, nonjudicial punishment, automated military justice analysis management system, post-trial matters, records of trial, actions of convening authority, courts martial orders, and recent developments in military justice.

LEG 2107 Legal Office Management

Law library management, legal research, staff judge advocate/noncommissioned officer-in-charge relations, office budgets, on-the-job-training, USAF judiciary, human relations, and paralegal utilization. Practical exercises for effective oral/written communicative skills and civil service employee matters.

LEG 2108 Legal Claims and Tort Litigation

Procedures for processing general claims and tort litigations. Includes approving authority actions, emergency and advanced payments, prohibited acts, Article 139 (Uniform Code of Military Justice) claims, personnel and transportation claims, Military Claims Act, foreign and international agreement claims, Federal Tort Claims Act, and other claims.

LEG 2109 Advanced Claims Investigation

Interviewing witnesses, legal research, and investigative report writing; includes procedures for conducting and reporting investigations, special types of investigations, and investigations for other services.

Leadership, Management, and Military Studies

LMM 1101 Leadership and Management

Leadership role and responsibilities of journeymen; theories, techniques, and practical application of leadership/ followership; supervision; management; stress management; problem solving; concepts of human behavior; standards of discipline; effective counseling techniques; evaluation of enlisted personnel; and current social issues.

LMM 1102 Managerial Communications

Principles of oral/written communications for airmen, theories/concepts of communications, factors influencing communication process, speaking techniques including oral presentations, and principles of effective writing.

**LMM 1103 Military Studies**

Organization, mission, and history of Air Force; dress and appearance; drill/ceremonies; customs/courtesies; respect for flag; military deterrence; democratic process; code of conduct; and personal readiness.

LMM 1104 Introduction to Total Quality Management

Introduction to total quality approach to management. Includes quality Air Force commitment; seven-step continuous improvement process; quality environment, tools, metrics, roles, and responsibilities; and effective team-building concepts.

LMM 1111 Leadership and Management I

Role and responsibilities of working leaders; includes theories/techniques of effective leadership and concepts of human behavior in leadership situations; practice in maintaining standards of discipline, counseling/ interviewing personnel, personnel management, problem-solving techniques, and work distribution; and social issues.

LMM 1112 Managerial Communications I

Principles of oral/written communications for airmen, theories/concepts of communications, factors influencing communication process, speaking techniques including oral presentation, and principles of effective writing.

LMM 1113 Military Studies I

Aviation, organization, and mission of Air Force, military justice system, customs/courtesies, principles of world politics, US national interests, and forces necessary to deter threats to national security and relation to role of working leader.

LMM 2121 Leadership and Management II

Role and responsibilities of craftsman/supervisor. Includes concepts of human behavior; standards of discipline; effective counseling techniques; methods of orienting new personnel; principles of motivating individuals within groups; evolution of management theory; personnel management skills; and applied problem-solving techniques in management, social relations, and labor relations.

LMM 2122 Managerial Communications II

Principles of oral and written communications applicable to technician/supervisor. Includes planning and organizing for effective communication by applying principles and theories of oral presentations; analyzing methods for improving listening and lessening barriers to effective communications; and effective writing principles.

LMM 2123 Military Studies II

Organization and mission of Air Force, military justice system, and relationship of US foreign domestic policies to military readiness.

LMM 2124 Quality of Life

Introduction to management of quality-of-life issues. Includes counseling of subordinates on importance of physical fitness, suicide awareness, human relations, management of human resources, and stress management. Also includes introduction to hazards of tobacco usage/substance abuse.

LMM 2125 Introduction to Total Quality Management II

Introduction to total quality management at craftsman level. Includes Quality Air Force system and principles, team dynamics, leadership skills, continuous improvement process, human relations, management of human resources, and issues and programs in Quality Air Force.

LMM 2131 Leadership and Management III

Senior NCO responsibilities for managing military resources using selected leadership/management theories, concepts, techniques, and skills necessary to maintain

order/discipline, including roles/views of human resources in management hierarchy and methods for improving worker performance through analytical decision making.

LMM 2132 Managerial Communications III

Advanced practical experience in communication through written/oral reports on various military topics.

LMM 2133 Military Studies III

Elements of international relations, national policy, and employment of military force in achieving objectives over a broad range of circumstances. Includes international relationships and role of national security organizations, particularly Air Force, in achieving national objectives and application of USAF/joint forces in various military environments, past and present.

Logistics

LOG 1601 Logistics Maintenance Support

Interpreting automated records and file maintenance; includes rejects and inquires, repair cycle, bench stock, issue procedures, and inventory.

LOG 1602 Stock Control

Maintenance of proper stock levels. Includes practical exercises in requisitioning, materiel control, monitoring requirements, due-out releases, and shipments.

LOG 1603 Equipment Management

Management of equipment allowances and authorizations; includes practice in turn-in procedures, records maintenance, and special procedures.

LOG 1606 Item Identification Methods

Procedures to research supply stock fund, supply manuals, national supply catalogs, cataloging handbooks, master cross-reference lists, and technical publications.

LOG 1607 Materiel Facilities Operation

Storage, shipment, warehousing, pickup and delivery, using automated procedures; includes operation of remote computer terminal.

LOG 1608 Stock Fund Management

Management and control of inventories; analysis of stock fund management reports and listings; interrelationships of accounting and finance, base supply, and supported organizations. Relationship of stock fund transactions and monetary records, satellite procedures, reporting procedures, interface of accounting and finance and supply computer records, and preparation of general support operating program.

LOG 1609 Introduction to Medical Materiel

Supply discipline; includes principles and concepts of property accounting by computer systems and use of medical materiel publications and computer terminals.

LOG 1610 Supply Data Records and Documents

Document control maintenance; includes establishing and maintaining master record and computer output products.

LOG 1611 Medical Stock Control

Stock control procedures peculiar to medical materiel. Includes issues, inventory control, requisitioning, maintenance of due-in/due-out files, and receipts resulting from requisitions.

LOG 1612 Medical Asset Management

Storage and warehousing; includes potency dated items, controlled medical items, quality assurance, inventory stratification, turn-ins, disposition of medical materiel, physical inventories, and quality control after daily processing cycle.

LOG 1613 Medical Equipment and Support Operations

Management and repair of reserve assets, linen supply service, nonmedical materiel support, and application of medical materiel procedures.

LOG 2601 Introduction to Planning and Programming

Logistics planning techniques; includes types of plans, composition of plans, mobility planning, and logistics center operation.

LOG 2602 Automated Logistics Plans Management

Advanced techniques, principles, functions, and methods of entering data into and retrieving data from a computer for logistics plans; includes data maintenance procedures, methods, and purposes as well as uses of retrieved data and computer output products.

LOG 2603 Logistics Management

Management practices that ensure effective and economic accomplishment of group and project objectives of entire field of logistics.

LOG 2604 Communications-Electronics Programs Management

Principles of planning, programming, and implementing communications-electronics systems; includes techniques and procedures for determining manpower and budgetary requirements, construction planning at all levels of command, monitoring program implementation, managing systems and records, and administering minor changes to ongoing programs.

LOG 2605 Supply System Management and Analysis

Understanding supply computer system, customer support procedures, materiel management, financial management, and supply management analysis; includes extensive use and analysis of management reports and listings.

LOG 2606 Mission of Medical Materiel Management

Mission objectives, organization, and responsibilities of medical materiel function; includes property responsibility and supply discipline, concepts and principles of automatic data processing, quality assurance, turn-ins, reserve assets inventory, and inventory adjustments, property disposition, quality control, and corrective actions.

LOG 2607 Data Records and Document Control

Establishing, revising, and updating master record, catalog change actions, validation of records, computer products, and maintenance of document files.

LOG 2608 Medical Equipment Management and Budgeting

Medical equipment management, repair, and budgeting.



LOG 2610 Medical Materiel Customer Training

Preparation of training booklets and handouts on customer training procedures, development of training programs, and forecasting future training requirements.

LOG 2613 Expendable Asset Management

Concepts of supply support objectives, to include stockage policies, requisitioning requirements, Air Force stock fund, and visibility/control processes.

LOG 2614 Air Force Equipment Management Systems

Procedures and techniques for equipment management to include equipment funding, retention control, and equipment reporting.

LOG 2615 Controlled Assets Management Procedures

Methods and procedures pertaining to Air Force Recoverable Assembly Management System to include transaction processing and reporting requirements, repair cycle management, depot mission capability management, cannibalization, aerospace vehicle inventory status, reporting system, and standard reporting designation system.

LOG 2616 Principles of Customer Support

Customer support to include customer interface, source of supply interface, analysis of supply support, and special supply support concepts.

LOG 2619 Munitions Inventory Procedures

Explosive munitions supply system, security handling and storage. Includes maintenance support, property accounting, files maintenance, and Nuclear Ordnance

Commodity Managed Asset manual accounting. Concepts and procedures for issue, turn-in, shipping, receiving, stock replenishment, inventory control, and supply discipline.

LOG 2620 Contingency/Wartime Support

Strategic materiel management during wartime contingencies. Includes wartime processing procedures and manning and reporting actions using concepts from combat supply management and weapons systems management information systems. Combat follow-on supply systems using war reserve material, deployable assets, and war-readiness spares kits.

LOG 2621 Combat-Oriented Supply Organization Procedures

Combat supply procedures for aircraft maintenance unit support personnel. Includes issue-processing procedures, tool management, parts redistribution procedures, support equipment management, demonstration of parts requisition and accounting, bench stock procedures, shelf life, waste prevention programs, and management of daily reports.

LOG 2622 Contingency Wartime Planning Course

Introduction to contingency wartime planning and basics of Air Force planning, including players, resources, plan development, execution, analysis, force selection, support planning, operational plan development, and base support planning.

Machinist

MAC 1101 Machine Shop Fundamentals

Fundamentals of machine shop operations; includes shop mathematics and problem solving, care and use of precision measuring devices, construction and interpretation of shop drawings and sketches; use of shop data; manufacturing parts; layout operations; fitting, assembly, and disassembly of machine parts; operation and maintenance of general shop equipment; hazardous and toxic waste management; and safety.

MAC 1102 Tool Design

Tool design methods and fabrication techniques; machine preparation and use of special tools, jigs, fixtures, and attachments. Contour machine operation, power cutoff saw operation, precision and surface grinding operations; identification and selection of metals from drawings.